

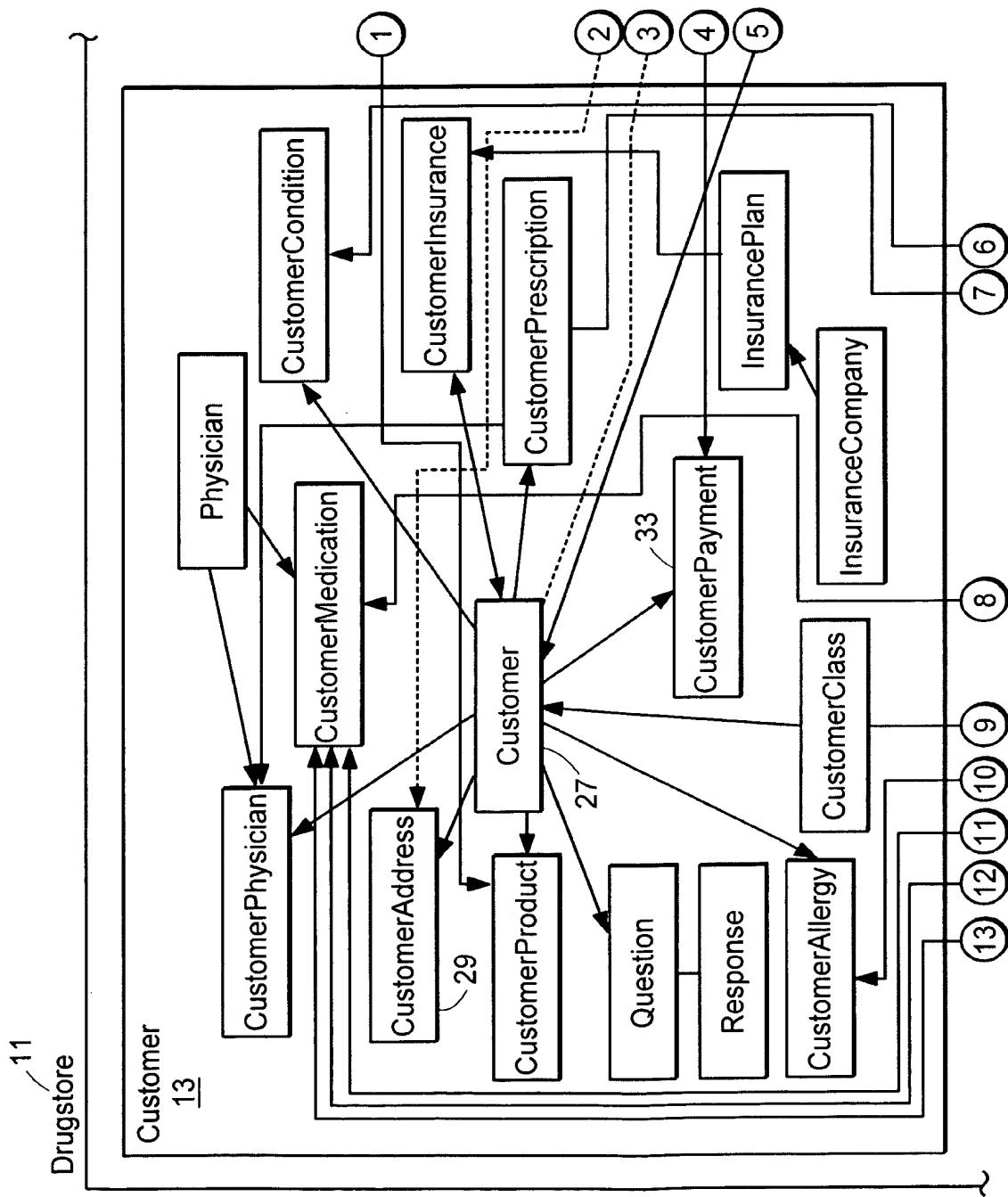


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FIG. 1A	FIG. 1B
FIG. 1C	FIG. 1D

FIG. 1

FIG. 1A



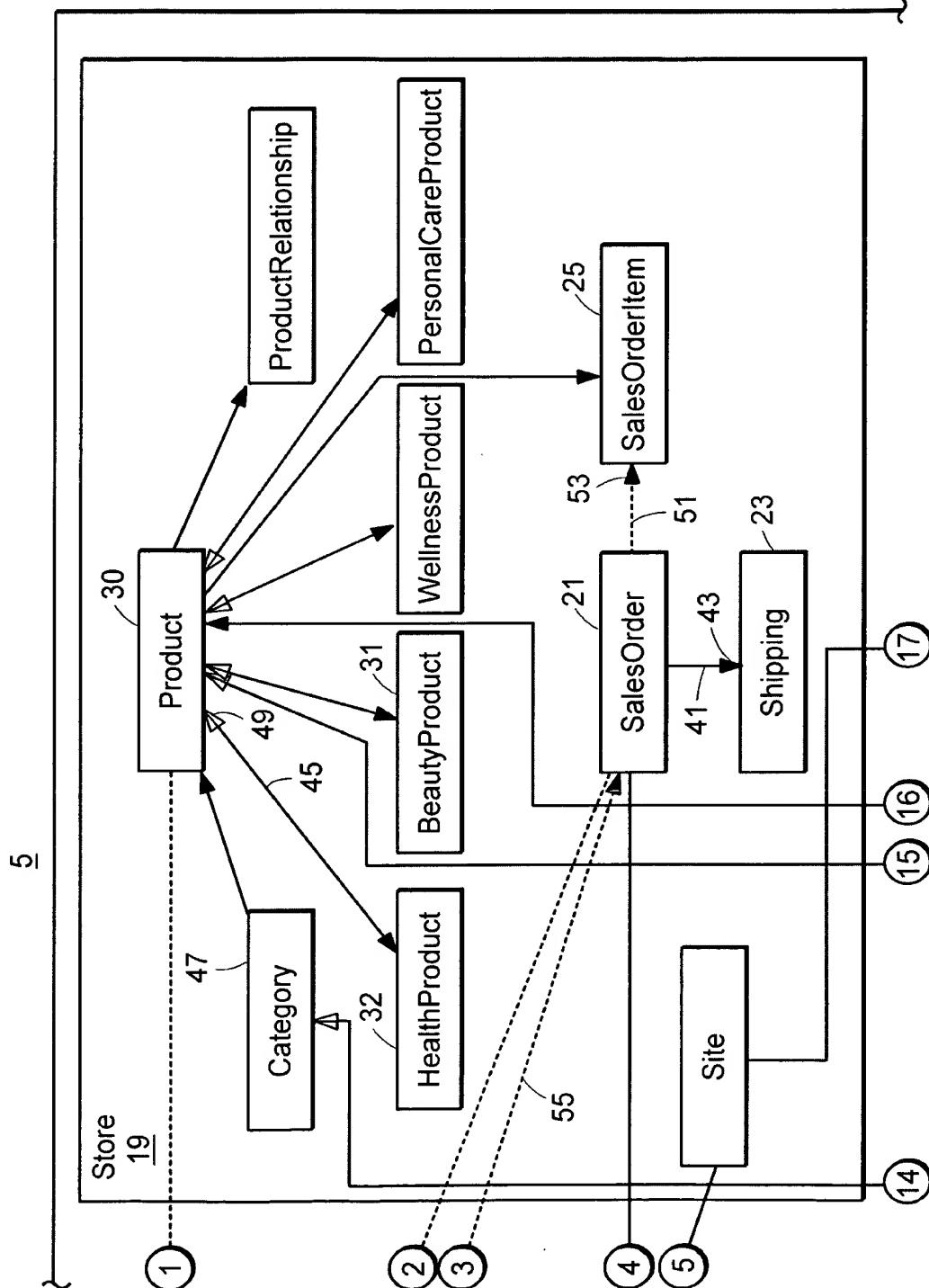
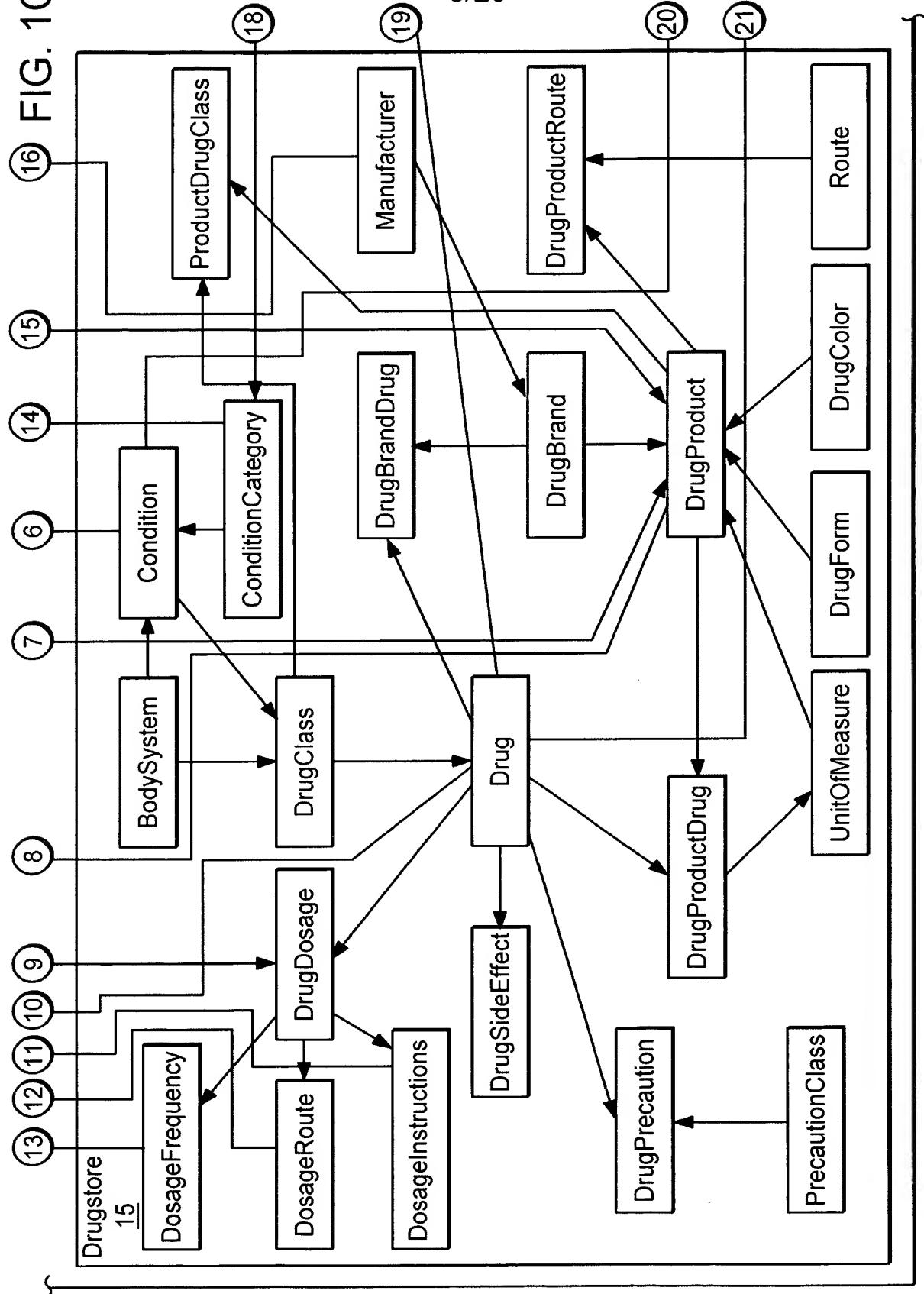


FIG. 1B

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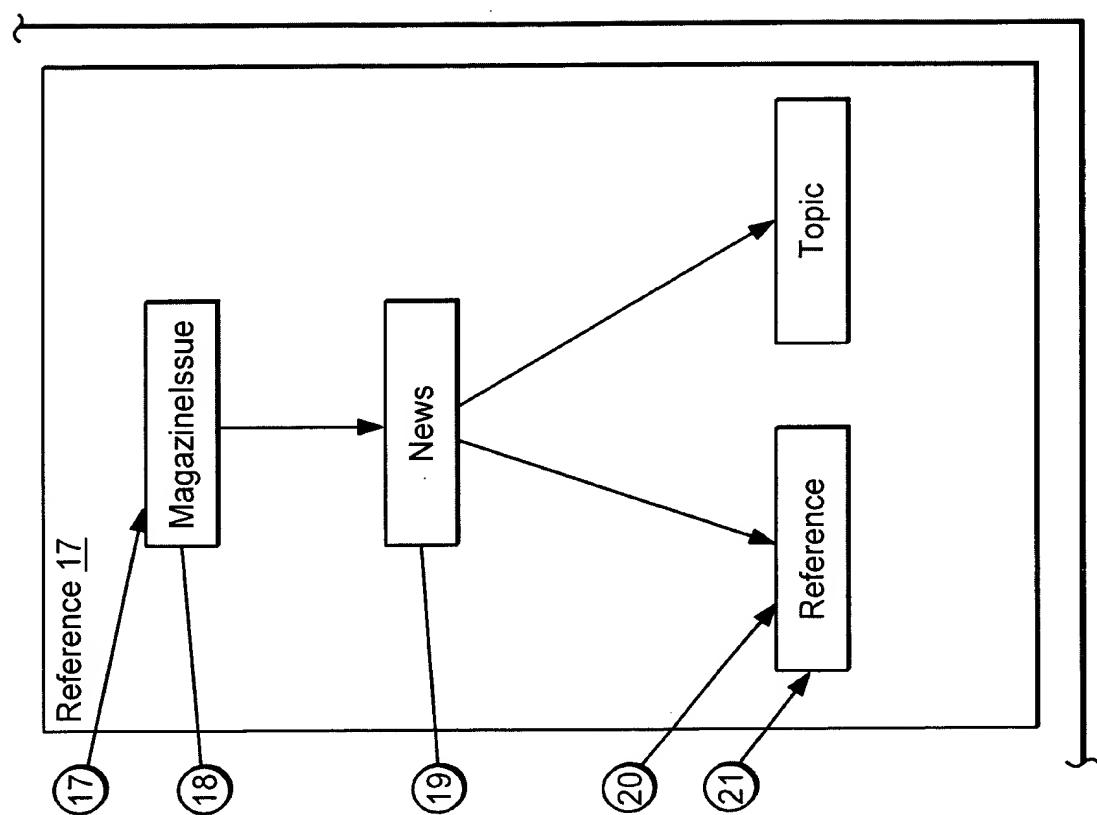
FIG. 1C





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FIG. 1D



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FIG. 2

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The screenshot shows the eComBuilder application interface for the DrugStore3.OMD project. The main workspace displays the following entities and their attributes:

- DrugStore**:
 - Attributes: **Core** (21), **Reference** (217), **Store** (219), **DrugStore** (213), **Category** (235), **BeautyProduct** (237), **HealthProduct** (239), **PersonalCarePro** (239), **Product** (239), **ProductRelations** (21), **SalesOrder** (21), **SalesOrderItem** (21), **Shipping** (243), **Site** (210), **WellnessProduct** (233), **Customer** (253), **notused** (210), **ExtCategory** (210), **New** (210), **NewApplication** (210).- Category**:
 - Attributes: **Attribute Name** (255), **Attribute Value** (255), **Rollups** (255), **Sort** (255).
- SalesOrder**:
 - Attributes: **Customer** (251), **OrderItems** (251), **OrderDate** (251), **SubTotal** (251), **ShippingCharge** (251), **Taxes** (251), **Order Total** (227), **PrescriptionOrder** (227), **ShippingAddress** (227), **ShippingMode** (227), **NameOnShipLabel** (225), **OrderStatus** (225), **OrderNumber** (225), **OrderStatusString** (225), **Payment** (225), **BillingAddress** (229), **Shipping** (229), **StateVar** (229).
- Product**:
 - Attributes: **Attribute Name** (255), **Attribute Value** (255), **Rollups** (255), **Sort** (255).
- ProductRelations**:
 - Attributes: **Attribute Name** (255), **Attribute Value** (255), **Rollups** (255), **Sort** (255).
- SalesOrder**:
 - Attributes: **Attribute Name** (255), **Attribute Value** (255), **Rollups** (255), **Sort** (255).
- SalesOrderItem**:
 - Attributes: **Attribute Name** (255), **Attribute Value** (255), **Rollups** (255), **Sort** (255).
- Shipping**:
 - Attributes: **Attribute Name** (255), **Attribute Value** (255), **Rollups** (255), **Sort** (255).
- Site**:
 - Attributes: **Attribute Name** (255), **Attribute Value** (255), **Rollups** (255), **Sort** (255).
- WellnessProduct**:
 - Attributes: **Attribute Name** (255), **Attribute Value** (255), **Rollups** (255), **Sort** (255).
- Customer**:
 - Attributes: **Attribute Name** (255), **Attribute Value** (255), **Rollups** (255), **Sort** (255).
- notused**:
 - Attributes: **Attribute Name** (255), **Attribute Value** (255), **Rollups** (255), **Sort** (255).
- ExtCategory**:
 - Attributes: **Attribute Name** (255), **Attribute Value** (255), **Rollups** (255), **Sort** (255).
- New**:
 - Attributes: **Attribute Name** (255), **Attribute Value** (255), **Rollups** (255), **Sort** (255).
- NewApplication**:
 - Attributes: **Attribute Name** (255), **Attribute Value** (255), **Rollups** (255), **Sort** (255).

A context menu is open over the **SalesOrder** entity, with the following options:

- New
- Delete
- Edit
- View Control Type
- Presentaion

The interface also includes a toolbar with various icons for file operations, and a menu bar with File, Edit, View, Insert, Project, Multi User, Construct, Import, Window, Help.

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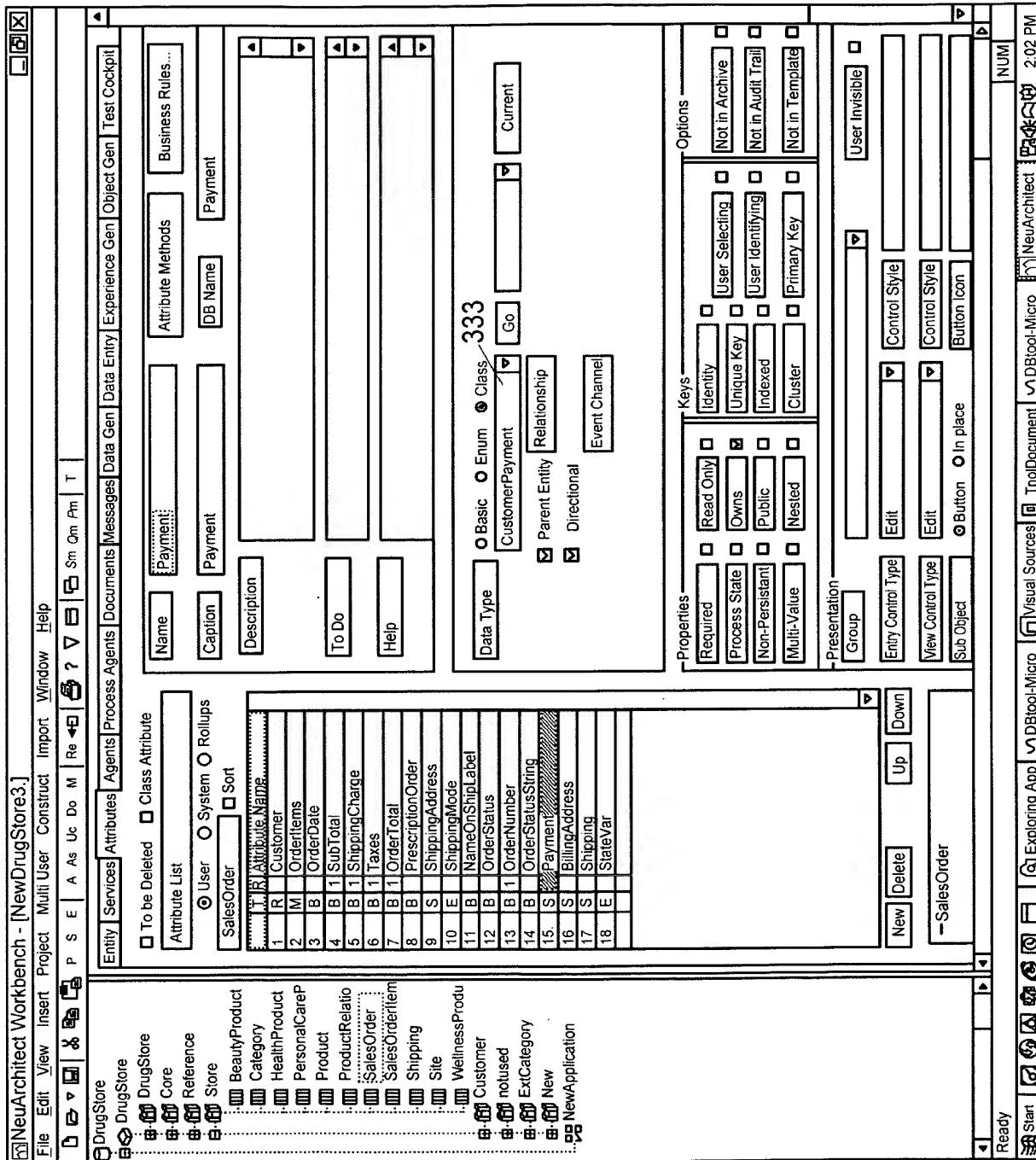


FIG. 3

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Entity Services Attributes Agents Process Agents Documents Messages Data Gen Data Entry Experience Gen Object Gen Test Cockpit

To be Deleted Class Attribute

Attribute List User System Rollups Sort

SalesOrder

Attribute Name Taxes Business Rules (1)

Name Taxes Attribute Methods Taxes

Caption Taxes DB Name Taxes

Description To Do Help

43

Attribute Customer OrderItems SubTotal ShippingCharge Taxes OrderTotal PrescriptionOrder ShippingAddress ShippingMode NameOnShipLabel OrderStatus OrderNumber OrderStatusString Payment BillingAddress Shipping StateVar RollupSummary Sum Mean Max Min

Basic Enum Class Money Precision 2 Format

Required Read Only Identity User Selecting Unique Key Owns Not in Archive Non-Persistent Public Not in Audit Trail Multi-Value Nested Primary Key Cluster Not in Template

Properties

Keys

Group User Invisible

Entry Control Type Edit Control Style

View Control Type Edit Control Style

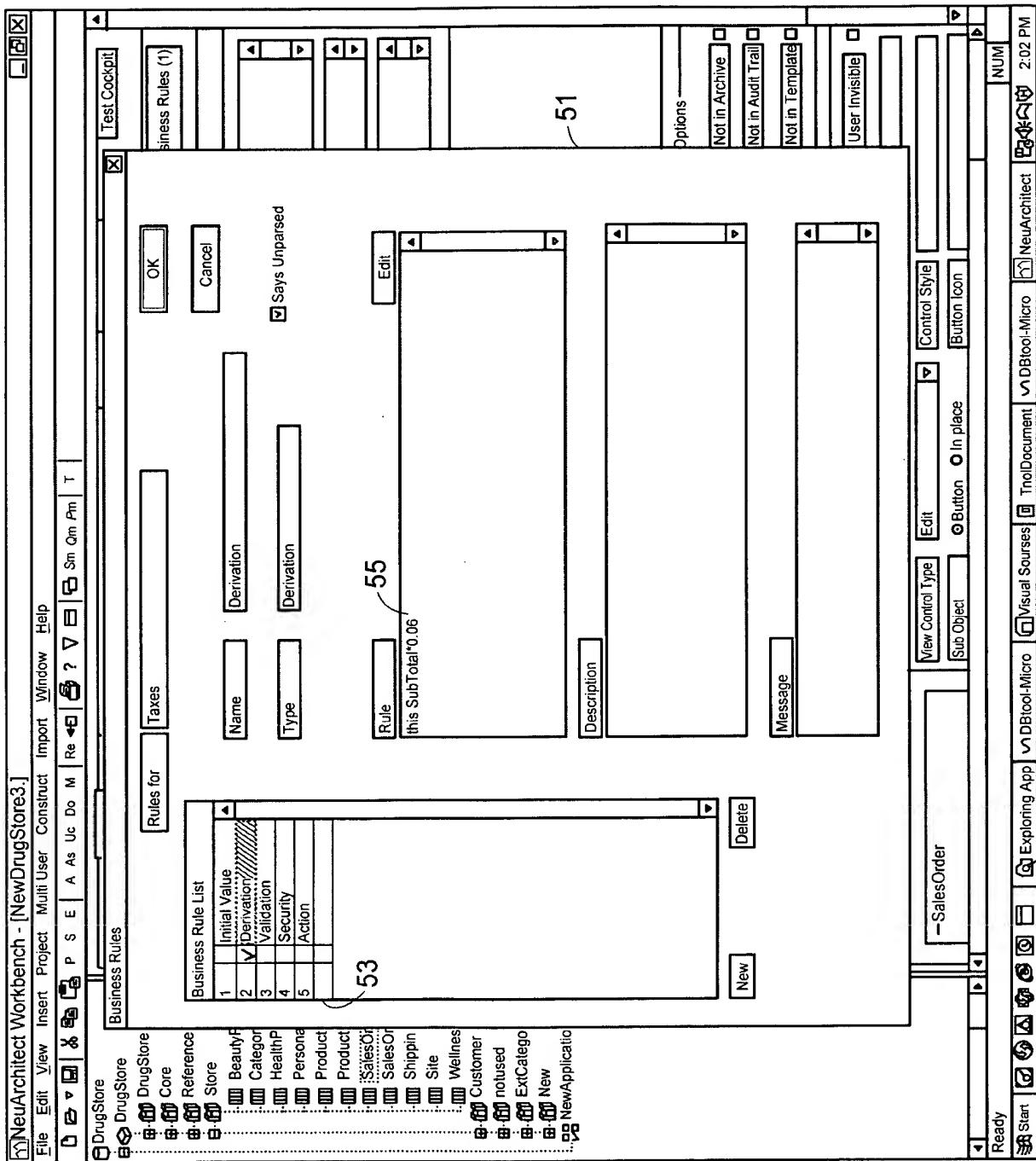
Sub Object Button In place Button Icon

New Delete Up Down Edit View In place Button Icon

Ready

Start Exploiting App DBtool-Micro Visual Sources TrialDocument DBtool-Micro NeuArchitect প্রক্রিয়া 2:00 PM

FIG. 4



5
FIG.

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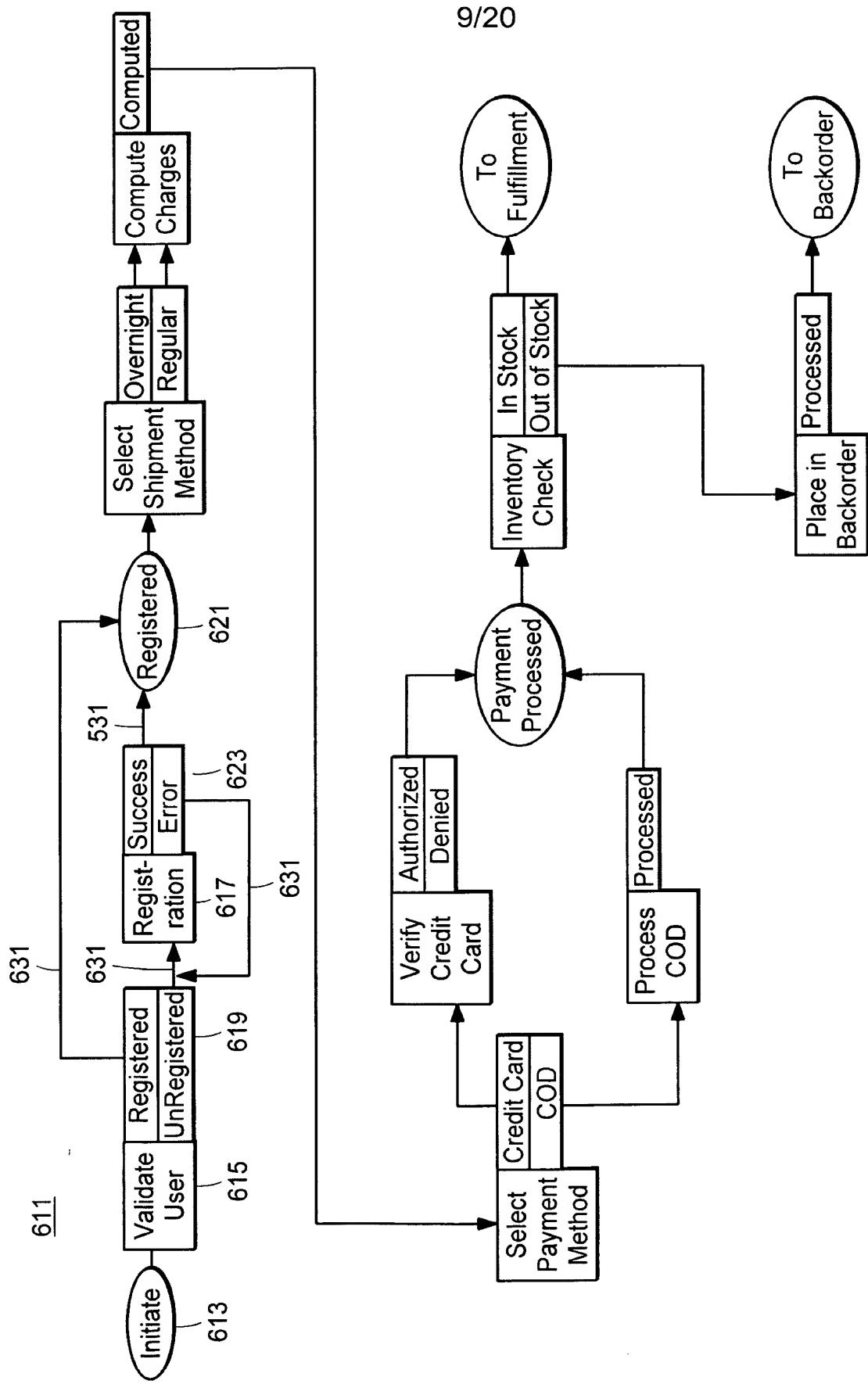


FIG. 6

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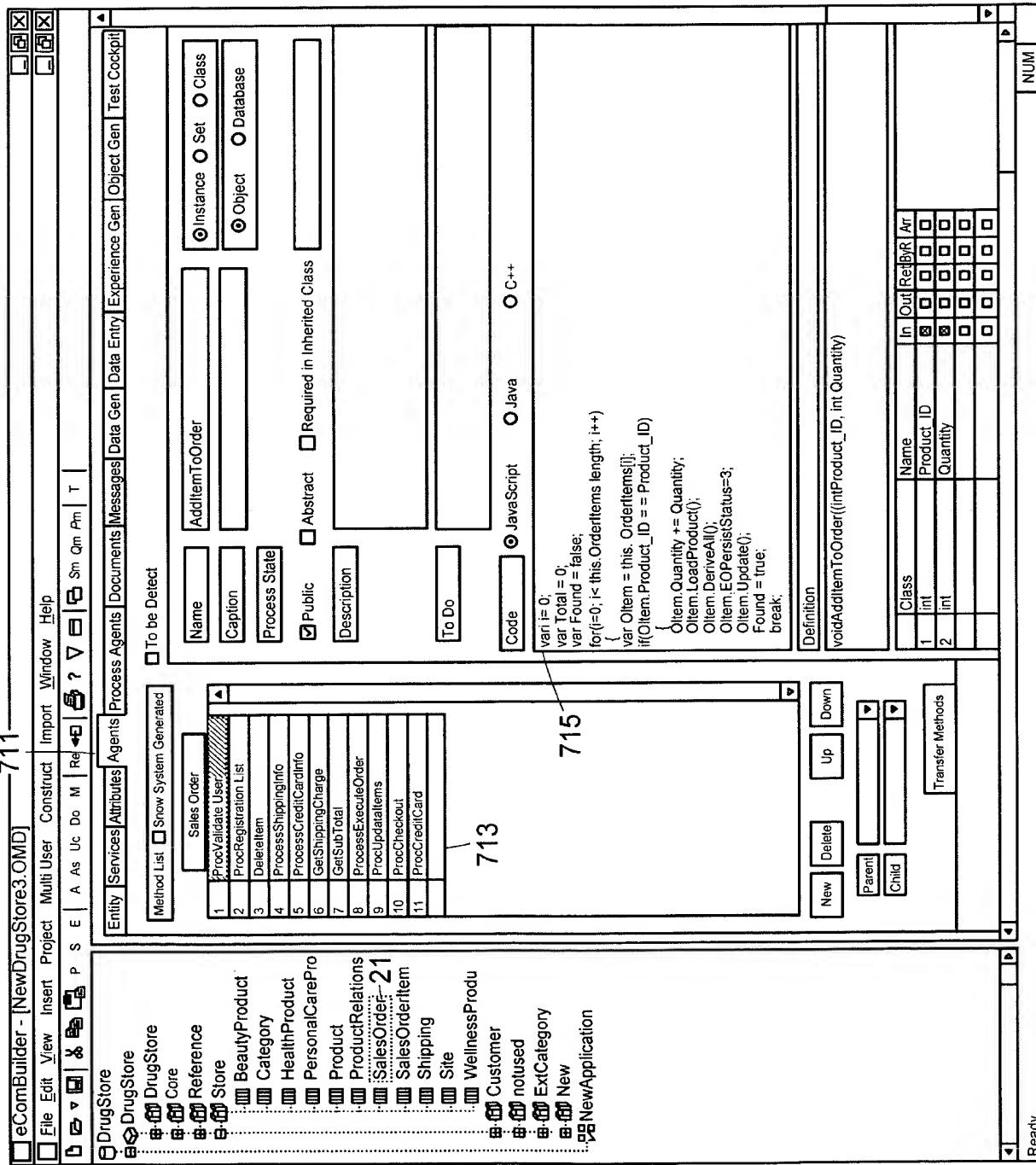


FIG. 7

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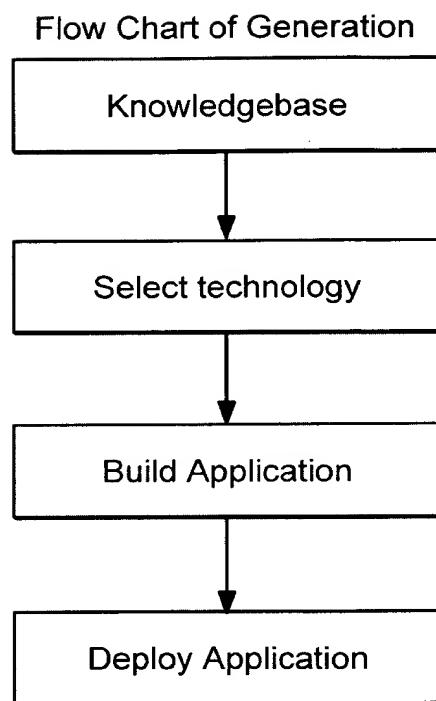
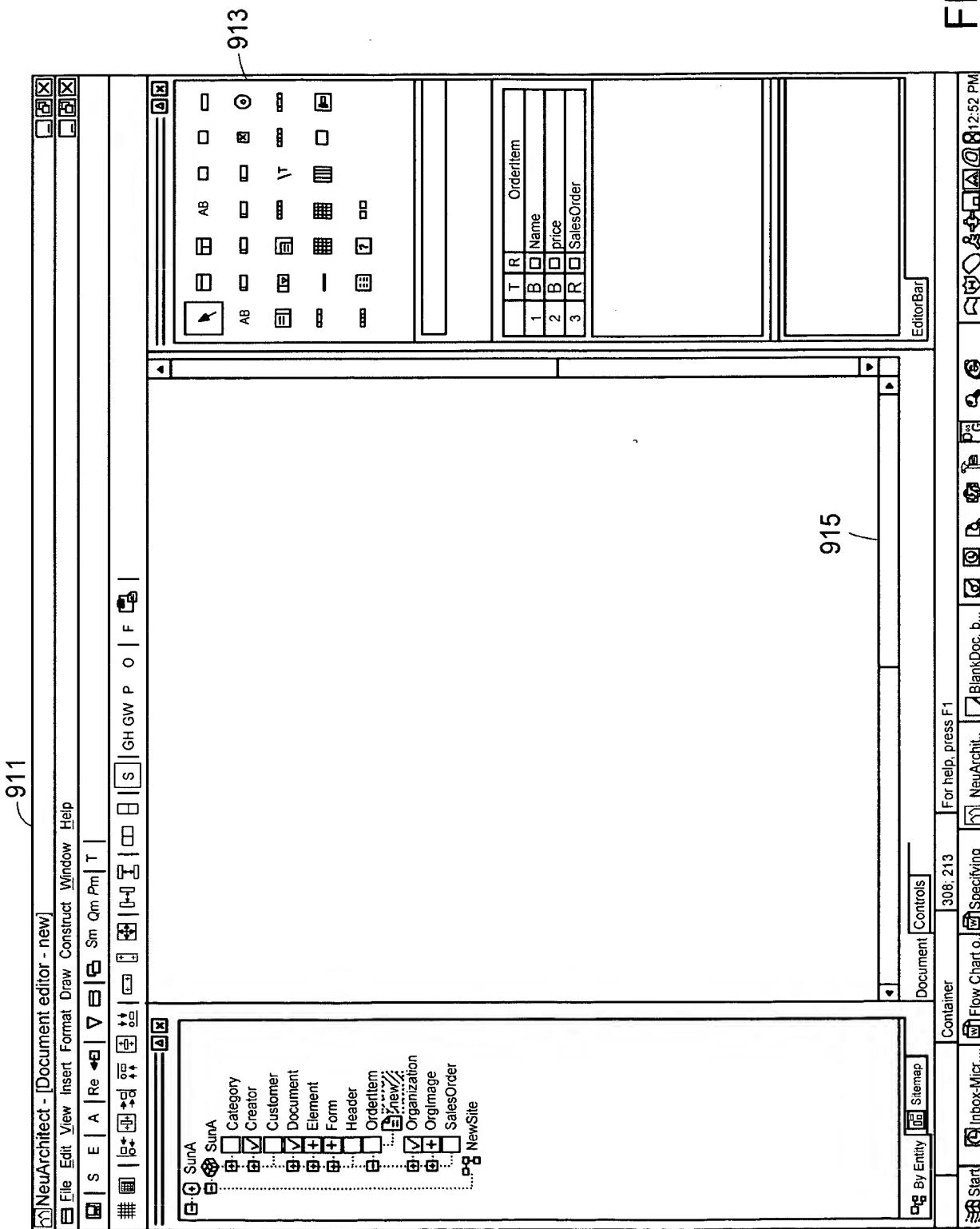


FIG. 8

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1019

1011

1017

Properties

<input type="checkbox"/> Relire	<input type="checkbox"/> Final	<input type="checkbox"/> View only	<input type="checkbox"/> Secure page	<input type="checkbox"/> Check for required fields
<input type="checkbox"/> Report	<input type="checkbox"/> Center	<input checked="" type="checkbox"/> Has data access		
Name:	insertus			
Directory expression:				
Entity:	Customer			
Title:	1013	Current		
Theme:				
Style:	BaseControls			
Control style:	BaseControls			
HTML style:				
HTML template:				
Description:				
To do:				
Script OnLoad:				
Script Client:				

1015

Properties

OK

FIG. 10

FIG. 10A

Properties

1011

Form	Object Space	Data Security	Parameters	Form	Themes	Meta tags	Technology
<input type="checkbox"/> Retire	<input checked="" type="checkbox"/> Final	<input type="checkbox"/> View only	<input type="checkbox"/> Has data access	<input type="checkbox"/> Secure page	<input type="checkbox"/> Check for required fields		
<input type="checkbox"/> Report	<input type="checkbox"/> Center						
Name:	insertus			View			
Directory expression:				Data access:	Enter Only		
Entity:	Customer			Data binding:	Auto(Same as Parent)		
Title:					Auto(Same as Parent)	Dynamic	Static
Theme:	Current			View name:			
Style:	BaseControls			Use transactions:			
Control style:	BaseControls						
HTML style:							
HTML template:							
Description:							
To do:							
Script OnLoad:							
Script Client:							

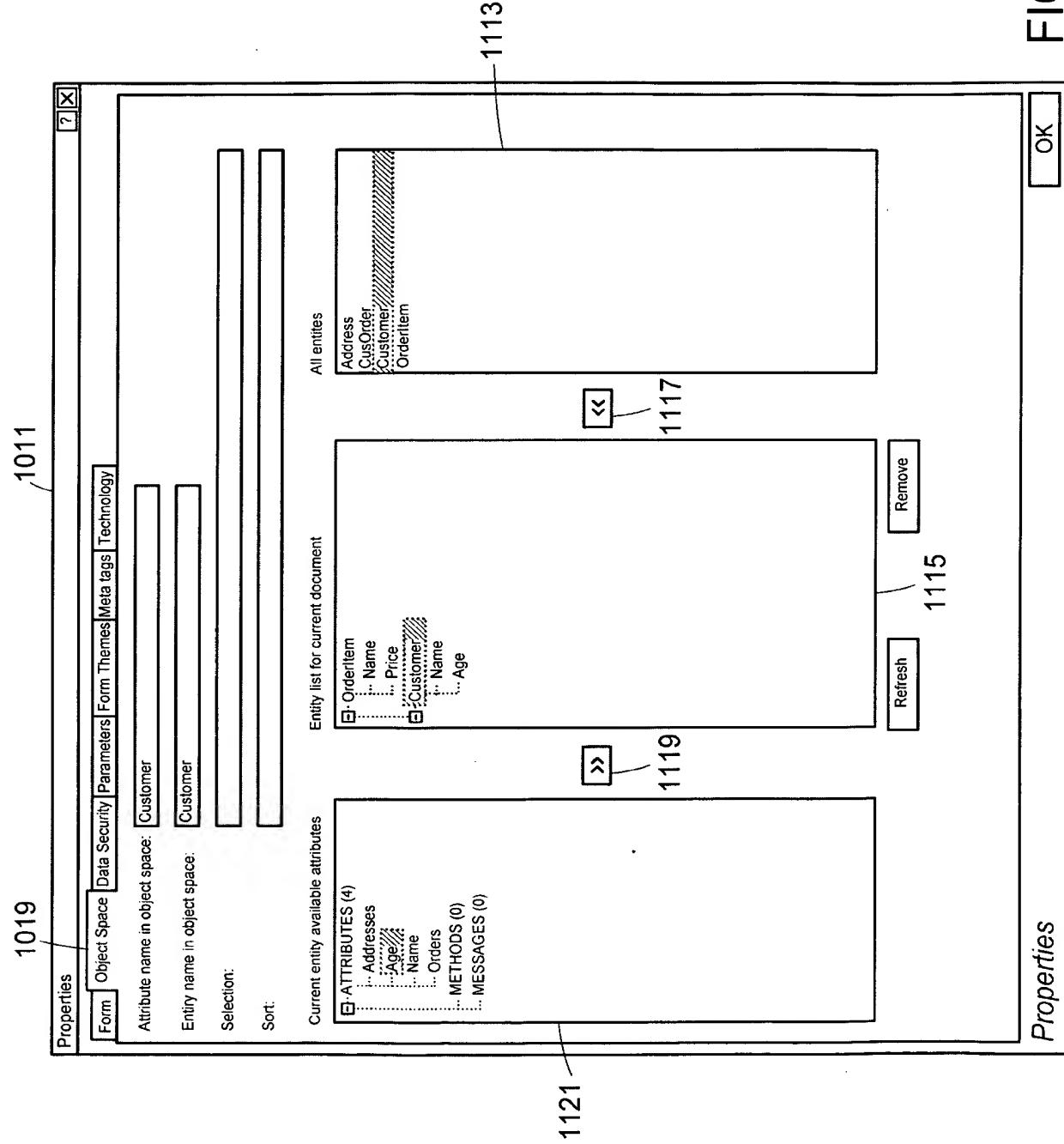
Properties

OK

1015

1017

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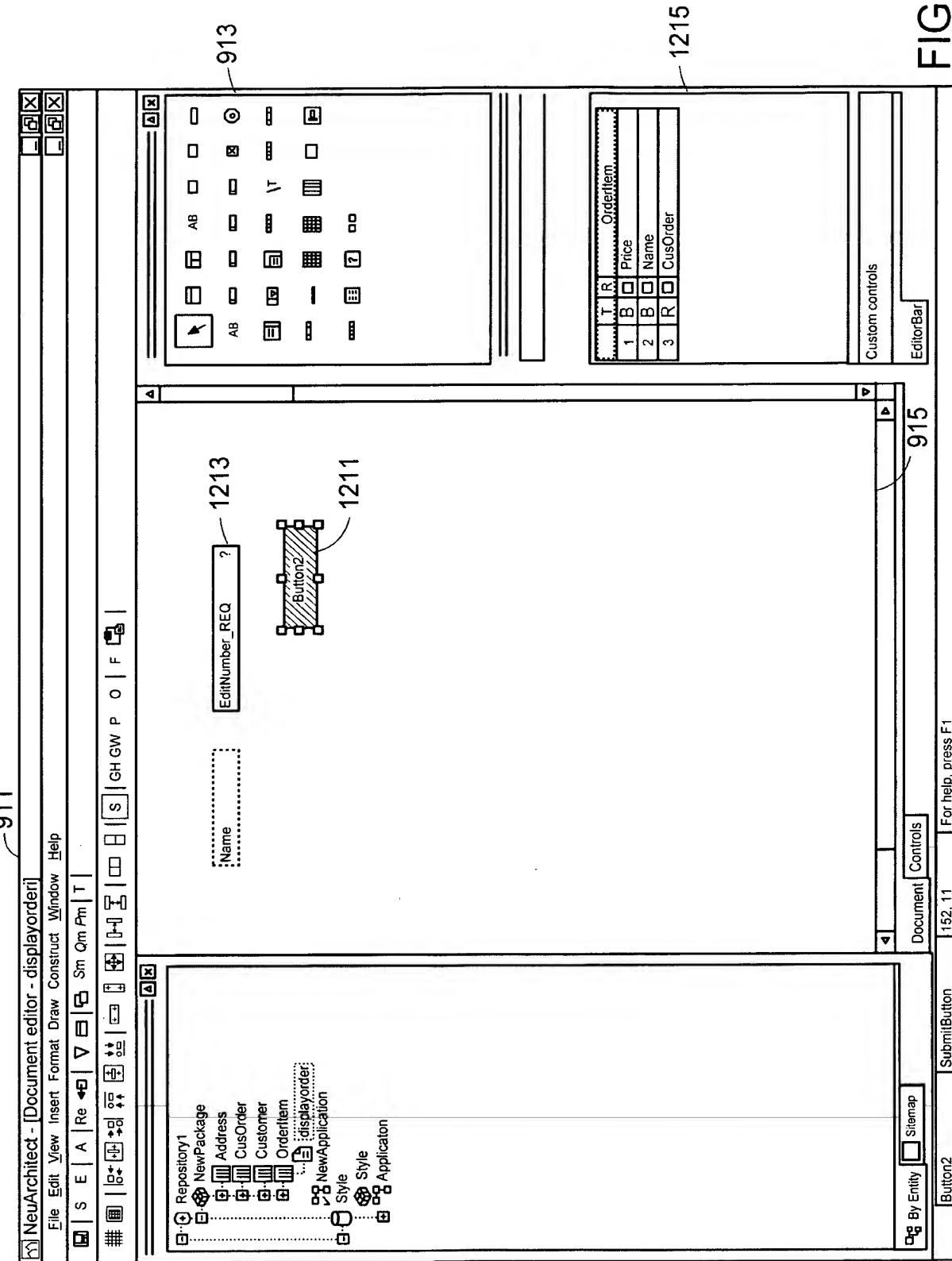
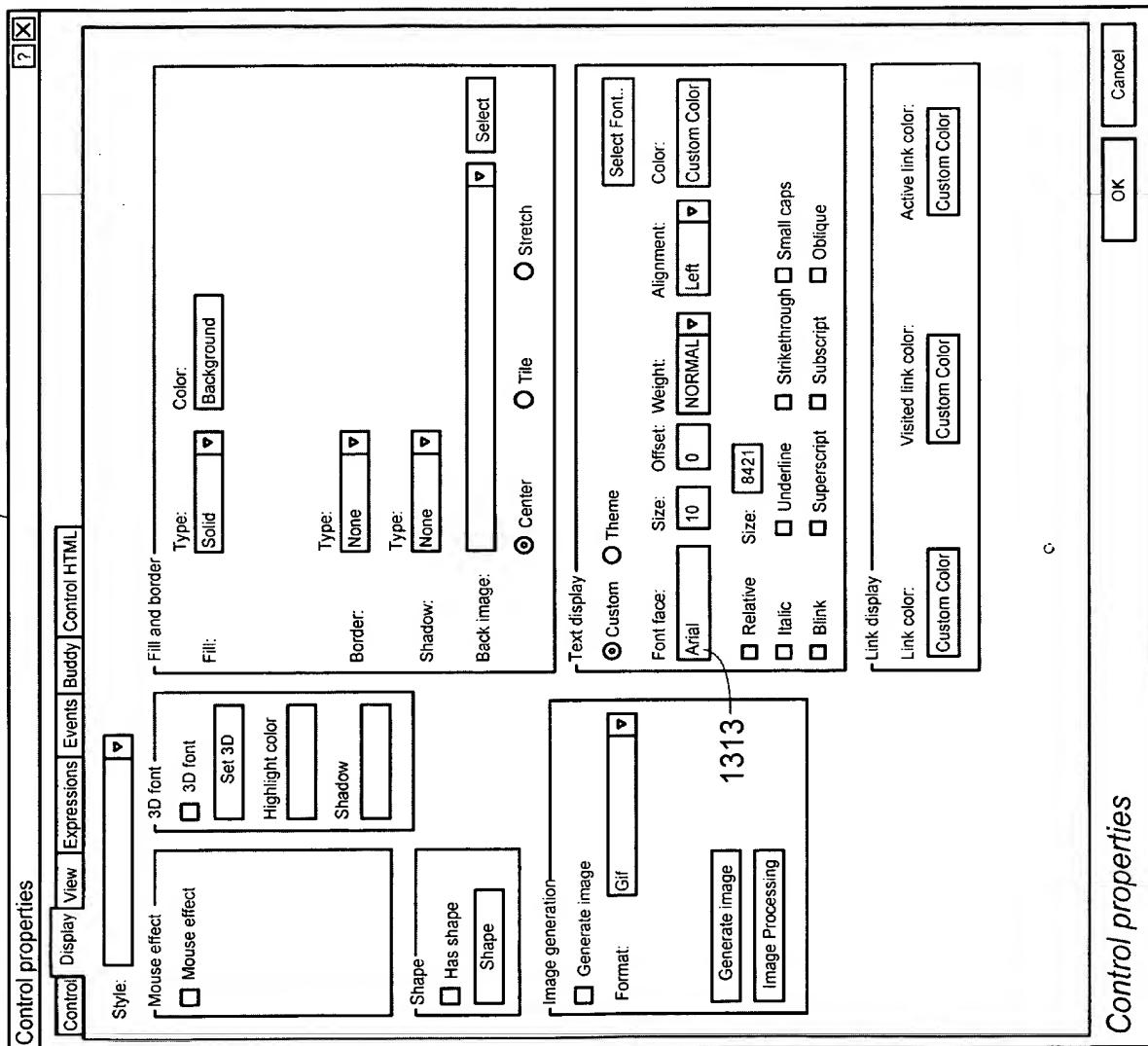


FIG. 12

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FIG. 13

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1411

1417

1415

1413

Generate HTML

Output directory: E:\applications\search201

Generate only this document: displayorder1

Type of data binding

- Optimized Static and dynamic as marked
- Dynamic only: Ignore markings
- Static only: Ignore markings

Object details

- Stored procedures
- SQL statements

Style sheets

- Generate style sheets

Browsers

	Gen	Browser	Directory
1	<input checked="" type="checkbox"/>	Microsoft IE 5	
2	<input type="checkbox"/>	Microsoft IE 4	
3	<input type="checkbox"/>	Netscape 4	
4	<input type="checkbox"/>	Netscape 3	NS3\

FIG. 14

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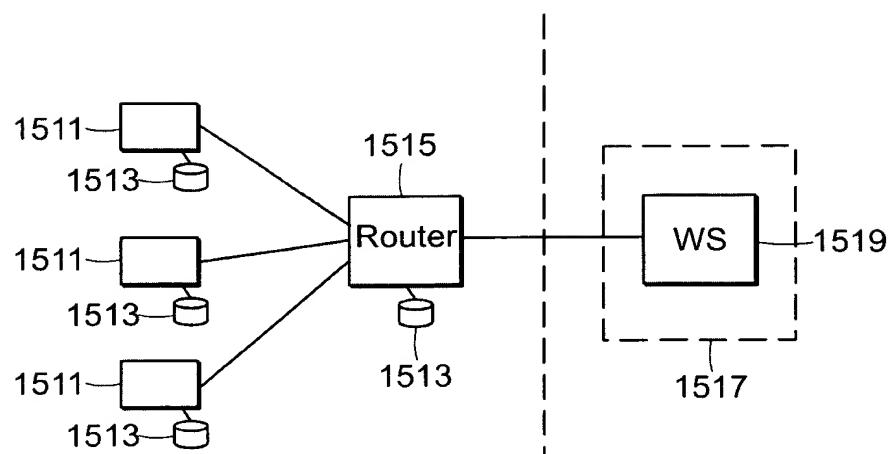


FIG. 15

PRIOR ART

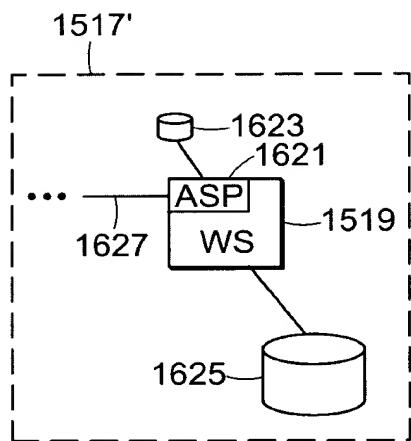


FIG. 16

PRIOR ART

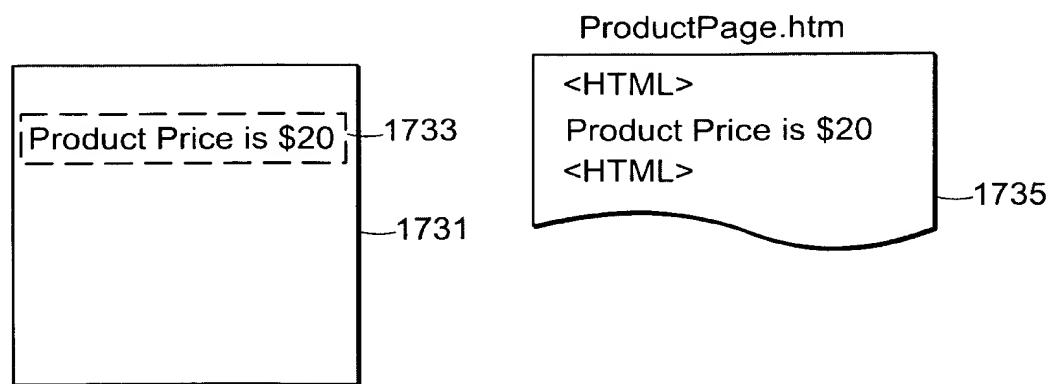


FIG. 17
PRIOR ART

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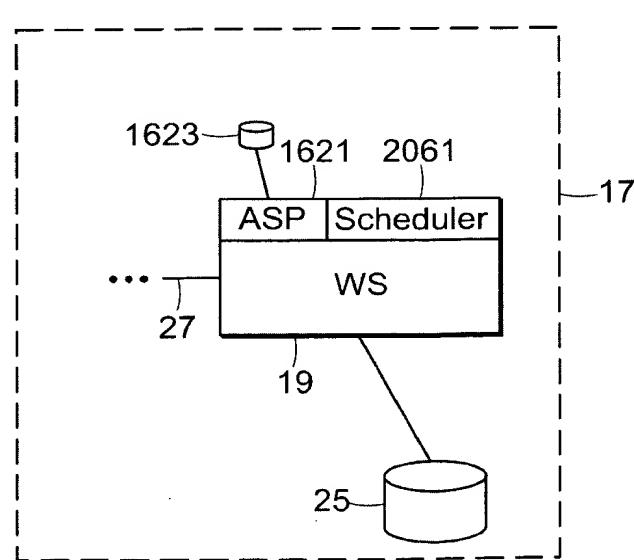
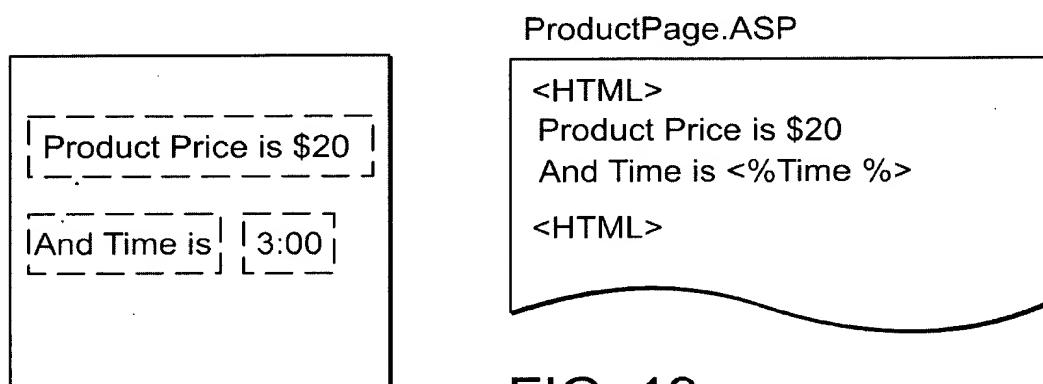
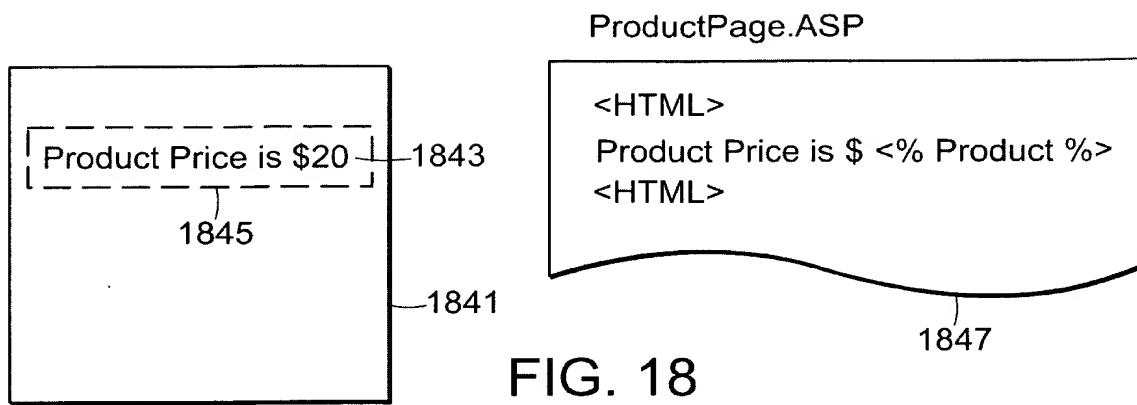


FIG. 20